



Attorney's Docket No.: 10974-239005 / MGH-0792.4 Vidal; LTI 200.4 CON; DM-9784

1653

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant : Marc Vidal et al.

Art Unit : 1653

Serial No. : 10/027,219

Examiner : Unknown

OCT 09 2002

Filed : December 21, 2001

Title : REVERSE TWO-HYBRID SYSTEMS

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Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the attached form PTO-1449.

Under 35 USC §120, this application relies on the earlier filing date of application serial number 09/620,680 filed on July 20, 2000, which is a continuation of application serial number 09/300,839 filed on April 28, 1999, now abandoned, which is a continuation of application serial number 08/923,274 filed on September 4, 1997, now patent number 5,955,280, which is a continuation application of 08/420,525, now abandoned. The following references were submitted to and/or cited by the Office in the prior application and, therefore, are not provided in this application.

This statement is being filed before the receipt of a first Office Action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050, referencing attorney docket number 10974-239005.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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Respectfully submitted,

Date: October 1, 2002



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Substitute Form PTO-1449 (Modified) 	U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant (Use several sheets if necessary)	Attorney's Docket No. 10974-239005	Application No. 10/027,219
		Applicant Marc Vidal et al.	
		Filing Date December 21, 2001	Group Art Unit 1653

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,580,736	9/1999	Brent et al.	435	6	
	AB	5,610,015	3/11/97	Wickens et al.	435	6	
	AC	5,695,941	12/1997	Brent et al.	435	6	
	AD	5,955,280	9/1999	Vidal et al.	435	6	
	AE	5,965,368	10/1999	Vidal et al.	435	6	
	AF	5,989,808	11/23/1999	Young et al.	435	6	

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AG	WO 92/05286	4/2/92	WIPO				
	AH	WO 92/10300	4/2/92	WIPO				
	AI	WO 94/02588	2/3/94	PCT				
	AJ	WO 94/10300	6/11/94	WIPO				
	AK	WO 94/17101	8/4/94	WIPO				
	AL	WO 96/02561	2/1/96	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AM	Alani et al., "A Method for Gene Disruption That Allows Repeated Use of URA3 Selection in the Construction of Multiply Disrupted Yeast Strains", Genetics 116:541-545, 1987
	AN	Bartel et al., "BioTechniques" 14:920-924, 1993
	AO	Bartel et al., "Using the Two-hybrid System to Detect Protein-protein Interactions", In: Cell Interact. Dev. D.A. Hartley (Ed.), IRL, Oxford UK, pp.153-179, 1993
	AP	Baudin et al., "A Simple and Efficient Method for Direct Gene Deletion in Saccharomyces Cerevisiae", Nucleic Acid Research 21:3329-3330, 1993
	AQ	Bendixen et al., "A Yeast Mating-Selection Scheme for Detection of Protein-Protein Interactions", Nucleic Acids Res. 22:1778-1779, 1994
	AR	Berger et al., "Genetic Isolation of ADA2: A Potential Transcriptional Adapter Required for Function of Certain Acidic Activation Domains", Cell 70:251-265, 1992
	AS	Boeke et al., "A Positive Selection for Mutants Lacking Orotidine-5'-Phosphate Decarboxylase Activity in Yeast: 5-Fluoro-Orotic Acid Resistance", Mol. Gen. Genet. 197:345-346, 1984
	AT	Boguslawski, "Effects of Polymyxin 8 Sulfate and Polymyxin B Nonapeptide on Growth and Permeability of Yeast Saccharomyces Cerevisiae", Mol. Gen. Genet. 199:401-405, 1985

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10974-239005	Application No. 10/027,215
Information Disclosure Statement by Applicant (Use several sheets if necessary) OCT 07 2002 37 CFR §1.98(b)		Applicant Marc Vidal et al.	
		Filing Date December 21, 2001	
		Group Art Unit 1653	

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Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AU	Boguslawski, "Polymyx in 8 Nonapeptide Inhibits Mating In Saccharomyces Cerevisiae", Antimicrobial Agents and Chemotherapy 29:330-332, 1986
	AV	Brent et al., U.S. Patent Application No. 08/783,534, Filed January 14, 1997
	AW	Buckingham et al., "Nucleotide Sequence and Promoter Analysis of SP013, a Meiosis-specific Gene of Saccharomyces Cerevisiae", Proc. Natl. Acad. Sci. 87:9406-9410, 1990
	AX	Chalfie et al., "Green Fluorescent Protein as a Marker for Gene Expression", Science 263:802-805, 1994
	AY	Chevray et al., "Protein Interaction Cloning in Yeast: Identification of Mammal Proteins that React with the Leucine Zipper of Jun", Proc. Natl. Acad. Sci. 89:5789-5793, 1992
	AZ	Chien et al., "The Two-hybrid System: A Method to Identify and Clone Genes for Proteins that Interact with Protein of Interest", Proc. Natl. Acad. Sci. 88:9578-9582, 1991
	AAA	Durfee et al., "The Reinoblastoma Protein Associates with the Protein Phosphatase Type 1 Catalytic Subunit", Genes & Development 7:555-569, 1993
	ABB	Fields et al., "A Novel Genetic System to Detect Protein-Protein Interactions", Nature 340:245-246, 1989
	ACC	Harper et al., "The p21 Cdk-interacting Protein Cip 1 is a Potent Inhibitor of G1 Cyclin-dependent Kinases, Cell 75:805-816, 1993
	ADD	Helin et al., "Inhibition of E2F-1 Transactivation by Direct Binding of the Retinoblastoma Protein", Molecular and Cellular Biology 13:6501-6508, 1993
	AEE	Hiebert et al., "The Interaction of RB with E2F Coincides with an Inhibition of the Transcriptional Activity of E2F", Genes & Development 6:177-185, 1992
	AFF	Hope et al., "Functional Dissection of a Eukaryotic Transcriptional Activator Protein, GCN4 of Yeast", Cell 46:885-894, 1986
	AGG	HSU et al. "Formation of In Vivo Complexes Between the TAL1 and E2A Polypeptides of Leukemic T Cells" Proc. Natl. Acad. Sci. 91:3181-3185, April 1994
	AHH	Ingles et al., "Reduced Binding of TFIID to Transcriptionally Compromised Mutants of VP16", Nature 351:588-590, 1991
	AII	Kumar et al., "Functional Domains of the Human Estrogen Receptor", Cell 51:941-951, 1987
	AJJ	LeDouarin et al., "A New Version of the Two-Hybrid Assay for Detection of Protein-protein Interactions", Nucl. Acids. Res. 23:876-878, March 1995
	AKK	Leanna et al., "The Reverse Two-Hybrid System: A Genetic Scheme for Selection Against Specific Protein/Protein Interactions", Nucleic Acids Research Vol. 24, No. 17 pp. 3341-3347, 1996
	ALL	Lillie et al., "Transcription Activation by the Adenovirus E1a Protein", Nature 338:39-44, 1989
	AMM	Luche et al., "A cis-acting Element Present in Multiple Genes Serves as a Repressor Protein Binding Site for the Yeast CARI Gene", Molecular and Cellular Biology 10:3884-3895, 1990
	ANN	Ma et al., "A New Class of Yeast Transcriptional Activators", Cell 51:113-119, 1987
	AOO	Mansour et al., "Disruption of the Proto-Oncogene int-2 in Mouse Embryo-Derived Stem Cells: A General Strategy for Targeting Mutations to Non-Selectable Genes", Nature 336:347-352, November 24, 1985
	APP	Mendelsohn et al., "Applications of Interaction Traps/Two-hybrid Systems to Biotechnology Research", Curr. Opin. Biotechnol. 5:482-486, 1994

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Information Disclosure Statement by Applicant (See several sheets if necessary) (37 CFR § 1.96(b))		Applicant Marc Vidal et al.	
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Other Documents (Include Author, Title, Date, and Place of Publication)

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	AQQ	Muhlrad et al., "A Rapid Method for Localized Mutagenesis of Yeast Genes", Yeast 8:79-82, 1992
	ARR	Pierrat et al., "Functional Analysis of the Human Estrogen Receptor Using a Phenotypic Transactivation Assay in Yeast", Gene 119-237-245, 1992
	ASS	Rose et al., Structure and Function of the Yeast URA3 Gene: Expression in Escherichia Coli", Gene 29:113-124, 1984
	ATT	Rodney J. Rothstein, "One Step Gene Distribution in Yeast"
	AUU	SenGupta et al., "A Three-Hybrid system to Detect RNA-Protein Interactions In Vivo", Genetics Vol. 93, pp. 8496-8501, August 1996
	AVV	Vidal et al., "Identification of Essential Nucleotides in an Upstream Repressing Sequence of Saccharomyces Cerevisiae by Selection for Increased Expression of TRK2", Proc. Natl. Acad. Sci., 92:2370-2374, 1995
	AWW	Vidal et al., "RPDI (SIN3/UME4) Is Required for Maximal Activation and Repression of Diverse Yeast Genes"; Molecular and Cellular Biology 11:6306-6316, 1991
	AXX	Whyte et al., "Association Between an Oncogene and an Anti-oncogene: The Adenovirus E1A Proteins Bind to the Retinoblastoma Gene Product, Nature 334:124-129, 1988
	AYY	Yang et al., "Protein-peptide Interactions Analyzed with the Yeast Two-hybrid System", Nucleic Acid Research 23:1152-1156, 1995

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